

WHAT IS CLAIMED IS:

1. In an inventory management system including a database, a conversion table, and a network connection interconnected computer systems of various departments of a product manufacturer, a process comprising the steps of:

5 preparing component parts based on specifications and quantity of the component parts contained in estimated future orders received from a buyer;

arranging manufacturing processes for producing products based on specifications and quantity of the component parts contained in actual orders continuously received from the buyer;

10 after finishing a delivery of the products automatically converting specifications and quantity of the delivered products into specifications and quantity of the corresponding component parts through the conversion table; and

15 deleting the specifications and the quantity of the corresponding component parts from the database, thereby automatically integrating information related to the future orders and the delivery.

2. The process of claim 1, wherein the conversion table has a comparison table being operative to store the specifications of the various products and the specifications of the corresponding various component parts so as to convert a
20 product information into component part information through the conversion table.

3. The process of claim 2, wherein the system further comprises:

25 a future order processing unit for receiving the future orders from the buyer through the network connection and storing information related to the component parts contained in the future orders;

an inventory processing unit for accessing information related to the component parts contained in the future orders from the database for analysis so

as to prepare the required specifications and quantity of the component parts contained in the future orders and enter inputs of an actual inventory of the component parts having the required specifications and quantity into the database;

5 an order processing unit for receiving the actual orders from the buyer through the network connection, storing product information contained in the actual orders in the database, and retrieving the same from the database; and

10 a delivery processing unit for sending product information related to products to be delivered to the buyer through the network connection and deleting product information related to the products to be delivered from product information of an inventory in the database.

4. The process of claim 3, wherein the conversion table has one end coupled to both the delivery processing unit and the buyer so that as the delivery processing unit sends product information related to the products to be delivered to the buyer product information related to the actual orders, the product information related to the products being delivered is automatically converted into the specifications and the quantity of the corresponding component parts through the conversion table and delete the specifications and the quantity of the corresponding component parts from the actual inventory in the database.

20 5. The process of claim 3, wherein the order processing unit is operative to receive the actual orders from the buyer through the network connection and either store product information contained in the actual orders in the database or convert product information contained in the actual orders into component part information through the conversion table prior to storing the same in the database.